

SHEET 1 OF 3

|  |  |                              |                                    |                                  |              |                         |
|--|--|------------------------------|------------------------------------|----------------------------------|--------------|-------------------------|
| FORM PTO-1449  |  | DOCKET NUMBER<br>GEO 301C    |                                    | APPLICATION NUMBER<br>10/633,297 |              |                         |
| INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |  | APPLICANT<br>Al M. Arellanes |                                    |                                  |              |                         |
|  |  | FILING DATE<br>July 31, 2003 |                                    | GROUP ART UNIT<br>3751 3671      |              |                         |
| U.S. PATENT DOCUMENTS                                |  |                              |                                    |                                  |              |                         |
| EXAMINER<br>INITIAL                                  | DOCUMENT<br>NUMBER   | DATE                         | NAME                               | CLASS                            | SUB<br>CLASS | FIL. DATE<br>IF APPROP. |
| <i>[Signature]</i>                                   | 1,081,476  | 12/16/13                     | Wellen                             | 52                               | 662          |                         |
|  | 1,896,957  | 2/7/33                       | Hutcheson                          | 52                               | 667          |                         |
|  | 2,069,391  | 2/2/37                       | Sample                             | 52                               | 668          |                         |
|  | 2,121,173  | 6/21/38                      | Macpherson                         | 47                               | 33           |                         |
|  | 2,205,758  | 6/25/40                      | Clark                              | 210                              | 99           |                         |
|  | 2,315,448  | 3/30/43                      | Nagin et al.                       | 404                              | 36           |                         |
|  | 3,050,162  | 8/21/62                      | Zingone                            | 52                               | 666          |                         |
|  | 3,616,111  | 10/26/71                     | Raech Jr.                          | 428                              | 52           |                         |
|  | 3,762,124  | 10/2/73                      | De Jonge                           | 52                               | 666          |                         |
|  | 3,807,116  | 4/30/74                      | Flynn                              | 52                               | 793.11       |                         |
| <i>[Signature]</i>                                   | 3,878,638  | 4/22/75                      | Benjamin                           | 446                              | 488          |                         |
| FOREIGN PATENT DOCUMENTS                             |  |                              |                                    |                                  |              |                         |
|  | DOCUMENT<br>NUMBER   | DATE                         | COUNTRY                            | CLASS                            | SUB<br>CLASS | TRANSLATION<br>YES NO   |
| <i>[Signature]</i>                                   | WO 84/02913  | 8/2/1984                     | WIPO                               |                                  |              | XX                      |
| <i>[Signature]</i>                                   | 0 039 448  | 4/23/1981                    | Europe                             |                                  |              | XX                      |
| <i>[Signature]</i>                                   | 0 048 006  | 9/12/1981                    | Europe                             |                                  |              | XX                      |
| OTHER DOCUMENTS                                      |  |                              |                                    |                                  |              |                         |
| <i>[Signature]</i>                                   | "Investigation of Construction Concepts for Pavements Across Soft Ground," Webster et al., 1978.   |                              |                                    |                                  |              |                         |
| <i>[Signature]</i>                                   | "Analysis of Grid Cell Reinforced Pavement Bases," Mitchell, 1979.   |                              |                                    |                                  |              |                         |
| <i>[Signature]</i>                                   | "Investigation of Beach Sand Trafficability Enhancement Using Sand-Grid Confinement and Membrane Reinforcement Concepts; Report 1: Sand Test Sections 1 and 2," Webster, 1979. |                              |                                    |                                  |              |                         |
| EXAMINER<br><i>[Signature]</i>                       |  |                              | DATE CONSIDERED<br>23 January 2004 |                                  |              |                         |

SHEET 2 OF 3

|   |   |                              |                                    |  |              |                         |
|---|---|------------------------------|------------------------------------|--|--------------|-------------------------|
| FORM PTO-1449<br><br>INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |   | DOCKET NUMBER<br>GEO 301C    |                                    | APPLICATION NUMBER<br>10/633,297       |              |                         |
|   |   | APPLICANT<br>Al M. Arellanes |                                    |  |              |                         |
|   |   | FILING DATE<br>July 31, 2003 |                                    | GROUP ART UNIT<br><del>3751</del> 3671 |              |                         |
| U.S. PATENT DOCUMENTS   |   |                              |                                    |  |              |                         |
| EXAMINER<br>INITIAL   | DOCUMENT<br>NUMBER  | DATE                         | NAME                               | CLASS                                  | SUB<br>CLASS | FIL. DATE<br>IF APPROP. |
|   | 4,005,943   | 2/1/77                       | Devenish et al.                    | 404                                    | 41           |                         |
|   | 4,168,924   | 9/25/79                      | Draper et al.                      | 404                                    | 70           |                         |
|   | 4,288,175   | 9/8/81                       | Baker et al.                       | 405                                    | 117          |                         |
|   | 4,358,047   | 11/9/82                      | Raubenheimer                       | 229                                    | 120.36       |                         |
|   | 4,372,086   | 2/8/83                       | Hanlon                             | 160                                    | 135          |                         |
|   | 4,384,810   | 5/24/83                      | Neumann                            | 405                                    | 284          |                         |
|   | 4,448,571   | 3/15/84                      | Eckels                             | 405                                    | 284          |                         |
|   | 4,452,025   | 6/5/84                       | Lew                                | 52                                     | 6608         |                         |
|   | 4,502,815   | 3/5/85                       | Scales et al.                      | 405                                    | 17           |                         |
|   | 4,555,201   | 11/26/85                     | Paoluccio                          | 405                                    | 117          |                         |
|   |   | 4,572,705                    | 2/25/86                            | Vignon et al.                          | 405          | 16                      |
| FOREIGN PATENT DOCUMENTS  |   |                              |                                    |  |              |                         |
|   | DOCUMENT<br>NUMBER  | DATE                         | COUNTRY                            | CLASS                                  | SUB<br>CLASS | TRANSLATION<br>YES NO   |
|   | 127104  | 11/25/1900                   | Germany                            |  |              | XX                      |
|   | 660199  | 4/28/1938                    | Germany                            |  |              | XX                      |
|   | 1244800   | 9/19/1960                    | France                             |  |              | XX                      |
| OTHER DOCUMENTS   |   |                              |                                    |  |              |                         |
|   | "Investigation of Beach Sand Trafficability Enhancement Using Sand-Grid Confinement and Membrane Reinforcement Concepts; Report 1: Sand Test Sections 3 and 4," Webster, February 1981. |                              |                                    |  |              |                         |
|   | "Experiments in Mouridah and Kalumba for Stabilizing Clayey and Dune Sands Used in Structural Layers," Cella et al., October 1982.  |                              |                                    |  |              |                         |
|   | "Development and Preliminary Evaluation of a Rapid Deployment Fortification Wall," Arellanes et al., December 1, 1985.  |                              |                                    |  |              |                         |
| EXAMINER<br>  |   |                              | DATE CONSIDERED<br>23 January 2004 |  |              |                         |

SHEET 3 OF 3

|  |  |                                    |                              |                                  |                            |                         |
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| FORM PTO-1449  |  |                                    | DOCKET NUMBER<br>GEO 301C    | APPLICATION NUMBER<br>10/633,297 |                            |                         |
| INFORMATION DISCLOSURE<br>CITATION IN AN APPLICATION |  |                                    | APPLICANT<br>Al M. Arellanes |                                  |                            |                         |
|  |  |                                    | FILING DATE<br>July 31, 2003 |                                  | GROUP ART UNIT<br>37513671 |                         |
| U.S. PATENT DOCUMENTS                                |  |                                    |                              |                                  |                            |                         |
| EXAMINER<br>INITIAL                                  | DOCUMENT<br>NUMBER   | DATE                               | NAME                         | CLASS                            | SUB<br>CLASS               | FIL. DATE<br>IF APPROP. |
|  | 4,785,604  | 11/22/88                           | Johnson, Jr.                 | 52                               | 668                        |                         |
|  | 4,797,026  | 1/10/89                            | Webster                      | 404                              | 28                         |                         |
|  | 4,945,689  | 8/7/90                             | Johnson, Jr.                 | 52                               | 668                        |                         |
|  | 5,076,546  | 12/31/91                           | Henry                        | 256                              | 24                         |                         |
|  | 5,250,340  | 10/5/93                            | Bohnhoff                     | 428                              | 99                         |                         |
|  | 5,604,949  | 2/25/97                            | Mangone                      | 14                               | 73                         |                         |
|  | 5,806,121  | 9/15/98                            | Mangone                      | 14                               | 73                         |                         |
|  | 5,864,910  | 2/2/99                             | Mangone                      | 14                               | 73                         |                         |
|  | 6,390,154  | 5/21/02                            | Hall                         | 141                              | 314                        |                         |
| FOREIGN PATENT DOCUMENTS                             |  |                                    |                              |                                  |                            |                         |
|  | DOCUMENT<br>NUMBER   | DATE                               | COUNTRY                      | CLASS                            | SUB<br>CLASS               | TRANSLATION<br>YES NO   |
|  | 6708323  | 12/18/1967                         | Netherlands                  |                                  |                            | XX                      |
| OTHER DOCUMENTS                                      |  |                                    |                              |                                  |                            |                         |
|  | "The Protection and Rehabilitation of Dams Using Cellular Confinement Systems," Crowe et al., August 1995. |                                    |                              |                                  |                            |                         |
|  | "Expedient Field Fortifications Using Sand-Grid Construction," Hayes, October 1998.                        |                                    |                              |                                  |                            |                         |
| EXAMINER<br>   |  | DATE CONSIDERED<br>23 January 2004 |                              |                                  |                            |                         |